SEQUENCE LISTING

<110> Ji-Ming Wang Joost J. Oppenheim Shao-Bo Su Wang-Hua Gong Ji-Liang Gao Philip M. Murphy

<120> UTILIZATION OF FPRL1 AS A FUNCTIONAL RECEPTOR BY SERUM AMYLOID A (SAA)

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<170> FastSEQ for Windows Version 4.0

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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
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                        10
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
                                   30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
                   40
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
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Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu
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              70
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<213> Homo Sapiens
<400> 73
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
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                                      15
1
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                      25
                                    30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
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Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp
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<211> 77

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<212> PRT
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
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Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
                                   30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
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Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
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Asn lie Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
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<210> 75
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<213> Homo Sapiens
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
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Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
                                   30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
                   40
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
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Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
<210> 76
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<212> PRT
<213> Homo Sapiens
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
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                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
                                   30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
65
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<210> 77
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<212> PRT
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<213> Homo Sapiens

GIn

GIn Ala

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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
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                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
                      25
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
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Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
              70
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<211>81
<212> PRT
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
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Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
                  40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
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                              60
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
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              70
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<210> 79
<211> 82
<212> PRT
<213> Homo Sapiens
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1 5 10 15
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Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly 20 25 30 Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg 35 40 45 Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu 50 55 60 Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp 65 70 75 80

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<211>83
<212> PRT
<213> Homo Sapiens
<400> 80
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
           5
                        10
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
                                   30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
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Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
65
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GIn Ala Ala
<210>81
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<213> Homo Sapiens
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
           5
                        10
                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                55
                              60
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
              70
                            75
GIn Ala Ala Asn
<210> 82
<211>85
<212> PRT
<213> Homo Sapiens
<400> 82
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
Asn IIe Gin Arg Phe Phe Giy Arg Giy Ala Giu Asp Ser Leu Ala Asp
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<210> 80

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65
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GIn Ala Ala Asn Glu
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<210> 83
<211>86
<212> PRT
<213> Homo Sapiens
<400> 83
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
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Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
       20
                     25
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                55
                              60
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
             70
                           75
Gln Ala Ala Asn Glu Trp
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<210> 84
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<212> PRT
<213> Homo Sapiens
<400> 84
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
                                   30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                  40
                                45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                55
                              60
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
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                           75
                                         80
Gln Ala Ala Asn Glu Trp Gly
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<400>85
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
                        10
                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
                                   30
```

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Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                                 45
                   40
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
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                              60
Asn lle Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
              70
                            75
Gin Ala Ala Asn Glu Trp Gly Arg
          85
<210>86
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<212> PRT
<213> Homo Sapiens
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
           5
1
                        10
                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
                                   30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
              70
                            75
Gln Ala Ala Asn Glu Trp Gly Arg Ser
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<213> Homo Sapiens
<400> 87
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
           5
                        10
                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
       20
                     25
                                   30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                55
                              60
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
              70
                            75
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
          85
                        90
<210>88
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<212> PRT
<213> Homo Sapiens
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<400>88
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                                   30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                55
                              60
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                            75
              70
Gin Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
                        90
<210> 89
<211>92
<212> PRT
<213> Homo Sapiens
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
  50
                55
                              60
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                           75
              70
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
                        90
<210>90
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<212> PRT
<213> Homo Sapiens
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
       20
                     25
                                    30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                55
                              60
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
              70
                            75
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
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<210> 91
<211> 94
<212> PRT
<213> Homo Sapiens
<400> 91
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
1
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
       20
                     25
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                55
                              60
Asn lle GIn Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
              70
                            75
GIn Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
<210> 92
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<212> PRT
<213> Homo Sapiens
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
                        10
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
                                    30
       20
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                55
                              60
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
              70
                            75
                                          80
GIn Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
                                      95
<210> 93
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<212> PRT
<213> Homo Sapiens
<400> 93
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
            5
                        10
                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                      25
                                    30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
                                 45
                   40
     35
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                               60
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
```

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70
                           75
                                         80
GIn Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                                     95
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<210> 94
<211>97
<212> PRT
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
                        10
                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
                                   30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                              60
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                           75
             70
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                        90
Arg
<210>95
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<212> PRT
<213> Homo Sapiens
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
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                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lie Gly
                     25
                                    30
        20
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                            75
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                        90
                                      95
Arg Pro
<210> 96
<211>99
<212> PRT
<213> Homo Sapiens
<400> 96
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
           5
                        10
                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
       20
                     25
                                    30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                              60
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                            75
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                        90
                                      95
Arg Pro Ala
<210> 97
<211> 100
<212> PRT
<213> Homo Sapiens
<400> 97
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
           5
                        10
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                      25
                                    30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
                   40
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                 55
                              60
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                            75
              70
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                                      95
                        90
          85
Arg Pro Ala Gly
        100
<210> 98
<211> 101
<212> PRT
<213> Homo Sapiens
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
                                       15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                      25
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                 55
                               60
Asn IIe Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                            75
GIn Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
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90
                                      95
          85
Arg Pro Ala Gly Leu
       100
<210> 99
<211> 102
<212> PRT
<213> Homo Sapiens
<400> 99
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
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                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                     25
                                   30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
                  40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                55
                              60
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
              70
                           75
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                        90
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Arg Pro Ala Gly Leu Pro
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<210> 100
<211> 103
<212> PRT
<213> Homo Sapiens
<400> 100
Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
           5
                        10
                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
        20
                      25
                                    30
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                   40
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                              60
                 55
Asn IIe Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                            75
              70
GIn Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                                      95
Arg Pro Ala Gly Leu Pro Glu
        100
<210> 101
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<212> PRT
<213> Homo Sapiens
<400> 101
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Met Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg
                                      15
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                                    30
                     25
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
     35
                                 45
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala lle Ser Asn Ala Arg Glu
  50
                55
                              60
Asn IIe Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
              70
                            75
65
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                        90
                                      95
Arg Pro Ala Gly Leu Pro Glu Lys
       100
<210> 102
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Arg Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp
Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser
       20
                      25
Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly
     35
                   40
                                 45
Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn
                55
                               60
lle Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln
              70
                            75
                                          80
Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
                        90
                                       95
Pro Ala Gly Leu Pro Glu Lys Tyr
        100
<210> 103
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<212> PRT
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Ser Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met
                        10
                                       15
Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp
        20
                      25
                                    30
Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro
                   40
                                 45
Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile
                 55
                               60
GIn Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
                            75
Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
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95
         85
Ala Gly Leu Pro Glu Lys Tyr
       100
<210> 104
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<212> PRT
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<400> 104
Phe Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp
                        10
                                     15
Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys
       20
                     25
                                   30
Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly
                  40
                                 45
Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln
                55
                              60
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
             70
                           75
                                         80
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
         85
                        90
Gly Leu Pro Glu Lys Tyr
       100
<210> 105
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<213> Homo Sapiens
<400> 105
Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg
           5
                        10
                                      15
Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr
       20
                     25
                                   30
Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly
                   40
                                 45
     35
Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
                              60
                 55
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
                            75
              70
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
          85
                        90
Leu Pro Glu Lys Tyr
        100
<210> 106
<211> 100
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<400> 106
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Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala
            5
                         10
                                       15
Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe
        20
                      25
                                    30
His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val
     35
                   40
                                  45
Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe
   50
                               60
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
              70
                            75
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
          85
                         90
Pro Glu Lys Tyr
        100
<210> 107
<211> 99
<212> PRT
<213> Homo Sapiens
<400> 107
Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr
            5
                        10
Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His
Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
                   40
                                 45
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
                              60
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Asn Glu Trp
              70
                            75
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
                                      95
Glu Lys Tyr
<210> 108
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<400> 108
Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser
                        10
                                      15
Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala
       20
                     25
Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala
     35
                   40
                                 45
Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly
                55
                              60
Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
                            75
Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
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Lys Tyr
<210> 109
<211>97
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<213> Homo Sapiens
<400> 109
Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp
                        10
Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg
       20
                     25
                                   30
Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
     35
                   40
                                 45
Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
  50
Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
              70
                            75
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
                        90
Tyr
<210> 110
<211> 96
<212> PRT
<213> Homo Sapiens
<400> 110
Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met
                       10
Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly
       20
                     25
                                   30
Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu
                  40
                                 45
Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly
                55
                              60
Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
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                           75
                                         80
Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
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                                      95
<210> 111
<211>95
<212> PRT
<213> Homo Sapiens
<400> 111
Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg
1
           5
                                      15
                        10
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85

90

95

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Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn
       20
                     25
                                    30
Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala
                   40
                                 45
     35
lle Ser Asn Ala Arg Glu Asn lle Gln Arg Phe Phe Gly Arg Gly Ala
                55
                              60
Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
              70
                            75
Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
<210> 112
<211> 94
<212> PRT
<213> Homo Sapiens
<400> 112
Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu
           5
                        10
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Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr
       20
                     25
                                    30
Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile
                   40
                                 45
Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu
Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
                            75
Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
<210> 113
<211> 93
<212> PRT
<213> Homo Sapiens
<400> 113
Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala
                        10
                                      15
Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp
                      25
       20
                                    30
Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser
     35
                   40
                                 45
Asn Ala Arg Glu Asn lie Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp
                55
                               60
Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
              70
                            75
Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
          85
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<210> 114
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<211> 92 <212> PRT

<213> Homo Sapiens

<400> 114 Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn 10 15 Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala 20 25 30 Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn 35 40 45 Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser 55 Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro 75 Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr 90

<210> 115 <211>91 <212> PRT <213> Homo Sapiens <400> 115 Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr 10 15 Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala 25 30 Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala 40 45 Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu 55 60 Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn 75 70 His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr 85 90

<210> 116 <211> 90 <212> PRT <213> Homo Sapiens

<400> 116

Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile

1 5 10 15

Glv Ser Asp Lvs Tvr Phe His Ala Arg Glv Asn Tvr Asp Ala Ala Lvs

Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys 20 25 30

Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg 35 40 45

Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala 50 55 60

Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His 5 70 75 80

Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr

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<210> 117
<211>89
<212> PRT
<213> Homo Sapiens
<400> 117
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly
                                      15
           5
                        10
1
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
       20
                     25
                                   30
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala lle Ser Asn Ala Arg Glu
     35
                   40
                                 45
Asn IIe Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                              60
  50
                55
GIn Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                            75
              70
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
          85
<210> 118
<211>88
<212> PRT
<213> Homo Sapiens
<400> 118
Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser
                       10
                                      15
Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly
       20
                      25
                                    30
Pro Gly Gly Vai Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn
                   40
                                 45
     35
lie Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gin
  50
                55
                               60
Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
              70
                            75
Pro Ala Gly Leu Pro Glu Lys Tyr
          85
<210> 119
<211>87
<212> PRT
<213> Homo Sapiens
<400> 119
Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp
                        10
Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro
        20
                      25
                                    30
Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile
                   40
                                 45
GIn Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
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55
                              60
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Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
             70
                            75
Ala Gly Leu Pro Glu Lys Tyr
          85
<210> 120
<211>86
<212> PRT
<213> Homo Sapiens
<400> 120
Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys
                                      15
                       10
Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly
                                   30
                     25
Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln
                   40
                                 45
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
                55
                              60
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
                            75
              70
Gly Leu Pro Glu Lys Tyr
          85
<210> 121
<211> 84
<212> PRT
<213> Homo Sapiens
<400> 121
Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe
                                      15
            5
                        10
His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val
        20
                      25
                                    30
Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe
                                 45
                   40
      35
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
                               60
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
                            75
                                          80
 Pro Glu Lys Tyr
 <210> 122
 <211>83
 <212> PRT
 <213> Homo Sapiens
 <400> 122
 Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His
                                       15
                         10
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Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
                                   30
                     25
       20
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
                                 45
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
                55
                              60
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
              70
                            75
                                          80
65
Glu Lys Tyr
<210> 123
<211>82
<212> PRT
<213> Homo Sapiens
<400> 123
Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala
           5
                        10
Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala
                                    30
                      25
Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly
                                 45
                   40
     35
Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
                               60
                 55
   50
Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
                            75
              70
Lys Tyr
 <210> 124
 <211>81
 <212> PRT
 <213> Homo Sapiens
 <400> 124
 Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg
                                       15
                         10
 Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
                       25
                                     30
        20
 Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
                    40
      35
 Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
                 55
                                60
 Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
               70
                             75
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 Tyr
 <210> 125
 <211> 80
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<212> PRT

<213> Homo Sapiens

<210> 126

65

<400> 125 Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly 10 15 1 Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu 20 25 30 Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly 40 45 35 Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser 55 60 Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr 75 70

<211> 79 <212> PRT <213> Homo Sapiens <400> 126 Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn 10 15 Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala 25 30 20 lle Ser Asn Ala Arg Glu Asn lle Gln Arg Phe Phe Gly Arg Gly Ala 35 40 45 Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly 60 55 Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr

75

<210> 127 <211> 78 <212> PRT <213> Homo Sapiens

70

<400> 127 Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr 15 5 10 1 Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile 25 30 20 Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu 35 40 45 Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys 55 60 Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr 70

<210> 128 <211> 77 <212> PRT <213> Homo Sapiens

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<400> 128
Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp
                                      15
                        10
Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser
       20
                     25
                                    30
Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp
     35
                   40
                                 45
Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
                55
                               60
Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
              70
                            75
<210> 129
<211> 76
<212> PRT
<213> Homo Sapiens
<400> 129
Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala
           5
                        10
                                      15
Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn
       20
                     25
                                   30
Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
     35
                   40
                                 45
Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
                55
                              60
Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
              70
<210> 130
<211> 75
<212> PRT
<213> Homo Sapiens
<400> 130
lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala
                        10
                                      15
Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala
       20
                     25
                                   30
Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
     35
                   40
                                 45
Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
  50
                55
                              60
His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
             70
<210> 131
<211> 74
<212> PRT
<213> Homo Sapiens
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<400> 131
Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys
                       10
                                     15
Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg
                     25
       20
                                   30
Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
    35
                  40
                                 45
Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
  50
                55
                              60
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
              70
<210> 132
<211>73
<212> PRT
<213> Homo Sapiens
<400> 132
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
                        10
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
       20
                     25
                                   30
Asn Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
     35
                  40
                                 45
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                55
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
              70
<210> 133
<211> 72
<212> PRT
<213> Homo Sapiens
<400> 133
Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly
           5
                       10
Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn
       20
                     25
                                   30
lle Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln
                  40
     35
                                45
Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
  50
                55
Pro Ala Gly Leu Pro Glu Lys Tyr
              70
65
<210> 134
<211>71
<212> PRT
<213> Homo Sapiens
<400> 134
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Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro
                        10
Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn ile
       20
                     25
                                   30
Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gin Ala
                   40
                                45
     35
Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
  50
                55
                              60
Ala Gly Leu Pro Glu Lys Tyr
              70
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<210> 135
<211> 70
<212> PRT
<213> Homo Sapiens
<400> 135
Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly
           5
                        10
Gly Val Trp Ala Ala Glu Ala lle Ser Asn Ala Arg Glu Asn lle Gln
       20
                     25
                                   30
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
     35
                   40
                                 45
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
                55
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Gly Leu Pro Glu Lys Tyr
65
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<210> 136
<211>69
<212> PRT
<213> Homo Sapiens
<400> 136
Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly
                        10
Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
       20
                     25
                                   30
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
                   40
     35
                                 45
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
  50
                55
Leu Pro Glu Lys Tyr
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<210> 137
<211>68
<212> PRT
<213> Homo Sapiens
<400> 137
His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val
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10
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Trp Ala Ala Glu Ala lle Ser Asn Ala Arg Glu Asn lle Gln Arg Phe
                     25
                                   30
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
    35
                  40
                                45
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
  50
                55
Pro Glu Lys Tyr
65
<210> 138
<211>67
<212> PRT
<213> Homo Sapiens
<400> 138
Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
1
                        10
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
       20
                     25
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
     35
                  40
                                 45
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
  50
                55
                              60
Glu Lys Tyr
65
<210> 139
<211>66
<212> PRT
<213> Homo Sapiens
<400> 139
Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala
                        10
Ala Glu Ala ile Ser Asn Ala Arg Glu Asn ile Gln Arg Phe Phe Gly
                     25
Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
    35
                  40
                                 45
Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
  50
                55
Lys Tyr
65
<210> 140
<211>65
<212> PRT
<213> Homo Sapiens
<400> 140
Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
           5
                        10
                                      15
```

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Glu Ala lle Ser Asn Ala Arg Glu Asn lle Gln Arg Phe Phe Gly Arg
       20
                     25
                                   30
Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
                   40
                                 45
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
  50
                55
                              60
Tyr
65
<210> 141
<211> 64
<212> PRT
<213> Homo Sapiens
<400> 141
Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu
           5
                        10
                                      15
1
Ala lle Ser Asn Ala Arg Glu Asn lle Gln Arg Phe Phe Gly Arg Gly
                     25
                                   30
Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
                   40
Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
<210> 142
<211> 63
<212> PRT
<213> Homo Sapiens
<400> 142
Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala
                        10
Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala
                                   30
Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
                  40
Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
  50
<210> 143
<211>62
<212> PRT
<213> Homo Sapiens
<400> 143
Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile
                        10
Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu
       20
                     25
Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
                   40
Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
```

50 55 60

<210> 144

<211>61

<212> PRT

<213> Homo Sapiens

<400> 144

Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser 1 5 10 15

Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp 20 25 30

Ser Leu Ala Asp Gin Ala Ala Asn Giu Trp Giy Arg Ser Giy Lys Asp 35 40 45

Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr 50 55 60

<210> 145

<211> 60

<212> PRT

<213> Homo Sapiens

<400> 145

Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn 1 5 10 15

Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser 20 25 30

Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro 35 40 45

Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr 50 55 60

<210> 146

<211> 59

<212> PRT

<213> Homo Sapiens

<400> 146

Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala

5 10 15

Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu 20 25 30

Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn 35 40 45

His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr 50 55

<210> 147

<211> 58

<212> PRT

<213> Homo Sapiens

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<400> 147
Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg
           5
                        10
                                      15
Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
       20
                                   30
                     25
Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
                   40
                                 45
    35
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
  50
                55
<210> 148
<211> 57
<212> PRT
<213> Homo Sapiens
<400> 148
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala lle Ser Asn Ala Arg Glu
           5
                        10
Asn lie Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
       20
                     25
                                   30
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                   40
                                 45
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
  50
                55
<210> 149
<211> 56
<212> PRT
<213> Homo Sapiens
<400> 149
Pro Gly Gly Vai Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn
                        10
Ile Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gin
       20
                     25
Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
                   40
     35
Pro Ala Gly Leu Pro Glu Lys Tyr
  50
                55
<210> 150
<211> 55
<212> PRT
<213> Homo Sapiens
<400> 150
Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile
                                      15
                        10
GIn Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
```

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35
                                45
                  40
Ala Gly Leu Pro Glu Lys Tyr
  50
                55
<210> 151
<211> 54
<212> PRT
<213> Homo Sapiens
<400> 151
Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln
                       10
                                     15
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
                     25
                                   30
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
                  40
                                45
Gly Leu Pro Glu Lys Tyr
  50
<210> 152
<211> 53
<212> PRT
<213> Homo Sapiens
<400> 152
Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
                       10
                                     15
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
                     25
                                   30
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
    35
                  40
                                45
Leu Pro Glu Lys Tyr
  50
<210> 153
<211> 52
<212> PRT
<213> Homo Sapiens
<400> 153
Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe
           5
                       10
                                     15
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
       20
                     25
                                   30
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
     35
                                45
Pro Glu Lys Tyr
  50
<210> 154
<211>51
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<212> PRT
<213> Homo Sapiens
<400> 154
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
           5
                       10
                                     15
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
       20
                     25
                                   30
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
                  40
    35
                                45
Glu Lys Tyr
  50
<210> 155
<211> 51
<212> PRT
<213> Homo Sapiens
<400> 155
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
           5
                        10
                                     15
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
                     25
                                   30
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
     35
                  40
Glu Lys Tyr
  50
<210> 156
<211>49
<212> PRT
<213> Homo Sapiens
<400> 156
Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
           5
                       10
Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
                     25
                                   30
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
     35
                  40
                                45
Tyr
<210> 157
<211> 48
<212> PRT
<213> Homo Sapiens
<400> 157
Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly
1
                       10
                                     15
Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
```

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20
                     25
                                   30
Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
     35
                  40
                                45
<210> 158
<211> 47
<212> PRT
<213> Homo Sapiens
<400> 158
Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala
                       10
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Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
       20
                     25
                                   30
Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
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                  40
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<210> 159
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<212> PRT
<213> Homo Sapiens
<400> 159
Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu
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Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
                     25
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Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
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<210> 160
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<213> Homo Sapiens
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Asn Ala Arg Glu Asn lle Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp
           5
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                                     15
Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
                     25
                                   30
Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
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<210> 161
<211> 44
<212> PRT
<213> Homo Sapiens
<400> 161
Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
           5
                       10
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Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
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                    25
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Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
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<210> 162
<211>43
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<213> Homo Sapiens
<400> 162
Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
           5
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1
Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
                                  30
His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
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<210> 163
<211>42
<212> PRT
<213> Homo Sapiens
<400> 163
Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
                       10
                                     15
Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
       20
                     25
                                   30
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
                  40
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<210> 164
<211>41
<212> PRT
<213> Homo Sapiens
<400> 164
Asn IIe Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                       10
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Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                     25
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
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<210> 165
<211> 40
<212> PRT
<213> Homo Sapiens
<400> 165
lle Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gin
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10
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Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
                    25
Pro Ala Gly Leu Pro Glu Lys Tyr
                  40
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<210> 166
<211> 39
<212> PRT
<213> Homo Sapiens
<400> 166
GIn Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
                                    15
                       10
1
Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
       20
                     25
                                  30
Ala Gly Leu Pro Glu Lys Tyr
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<210> 167
<211> 38
<212> PRT
<213> Homo Sapiens
<400> 167
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
                       10
                                     15
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
       20
                     25
Gly Leu Pro Glu Lys Tyr
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<210> 168
<211> 37
<212> PRT
<213> Homo Sapiens
<400> 168
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
           5
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                                     15
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
       20
                     25
Leu Pro Glu Lys Tyr
     35
<210> 169
<211> 35
<212> PRT
<213> Homo Sapiens
<400> 169
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Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
            5
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                                      15
 Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
        20
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                                   30
 Glu Lys Tyr
      35
 <210> 170
 <211> 34
 <212> PRT
 <213> Homo Sapiens
 <400> 170
 Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
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            5
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                                      15
 Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
        20
                      25
                                   30
 Lys Tyr
 <210> 171
 <211> 33
 <212> PRT
 <213> Homo Sapiens
 <400> 171
 Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
                   · 10
 Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
        20
                      25
 Tyr
 <210> 172
 <211> 32
 <212> PRT
 <213> Homo Sapiens
 ·<400> 172
 Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
            5
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                                      15
 Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
        20
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 <210> 173
 <211> 31
 <212> PRT
 <213> Homo Sapiens
 <400> 173
 Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
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5
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Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
                    25
       20
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<210> 174
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<212> PRT
<213> Homo Sapiens
<400> 174
Asp Ser Leu Ala Asp Gin Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
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1
                       10
Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
                    25
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<210> 175
<211> 29
<212> PRT
<213> Homo Sapiens
<400> 175
Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
                      10
                                    15
Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
       20
                    25
<210> 176
<211> 28
<212> PRT
<213> Homo Sapiens
<400> 176
Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
          5
                       10
Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
       20
                    25
<210> 177
<211> 27
<212> PRT
<213> Homo Sapiens
<400> 177
Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
       5
                       10
His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
                     25
       20
<210> 178
<211> 26
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<212> PRT
<213> Homo Sapiens
<400> 178
Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
          5
                      10
                                    15
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
       20
                    25
<210> 179
<211> 25
<212> PRT
<213> Homo Sapiens
<400> 179
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
          5
                      10
                                    15
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
       20
                    25
<210> 180
<211> 24
<212> PRT
<213> Homo Sapiens
<400> 180
Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
          5
                      10
Pro Ala Gly Leu Pro Glu Lys Tyr
       20
<210> 181
<211> 23
<212> PRT
<213> Homo Sapiens
<400> 181
Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
                      10
Ala Gly Leu Pro Glu Lys Tyr
       20
<210> 182
<211> 22
<212> PRT
<213> Homo Sapiens
<400> 182
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
          5
                       10
Gly Leu Pro Glu Lys Tyr
```

20

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<210> 183
<211> 21
<212> PRT
<213> Homo Sapiens
<400> 183
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
          5
                      10
Leu Pro Glu Lys Tyr
       20
<210> 184
<211> 20
<212> PRT
<213> Homo Sapiens
<400> 184
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
.1
          5
                      10
Pro Glu Lys Tyr
       20
<210> 185
<211> 19
<212> PRT
<213> Homo Sapiens
<400> 185
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
1
          5
                      10
                                   15
Glu Lys Tyr
<210> 186
<211> 18
<212> PRT
<213> Homo Sapiens
<400> 186
Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
          5
                                   15
                      10
Lys Tyr
<210> 187
<211> 17
<212> PRT
<213> Homo Sapiens
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<400> 187
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
                                    15
1
                       10
Tyr
<210> 188
<211> 16
<212> PRT
<213> Homo Sapiens
<400> 188
Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
1
                       10
                                    15
<210> 189
<211> 15
<212> PRT
<213> Homo Sapiens
<400> 189
Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
          5
                       10
<210> 190
<211> 14
<212> PRT
<213> Homo Sapiens
<400> 190
Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
<210> 191
<211> 13
<212> PRT
<213> Homo Sapiens
<400> 191
Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
           5
                       10
<210> 192
<211> 12
<212> PRT
<213> Homo Sapiens
<400> 192
Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
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5
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1
<210> 193
<211> 11
<212> PRT
<213> Homo Sapiens
<400> 193
His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
                     10
<210> 194
<211> 10
<212> PRT
<213> Homo Sapiens
<400> 194
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
<210> 195
<211>9
<212> PRT
<213> Homo Sapiens
<400> 195
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
<210> 196
<211>8
<212> PRT
<213> Homo Sapiens
<400> 196
Pro Ala Gly Leu Pro Glu Lys Tyr
          5
<210> 197
<211> 7
<212> PRT
<213> Homo Sapiens
<400> 197
Ala Gly Leu Pro Glu Lys Tyr
<210> 198
<211>6
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<212> PRT
<213> Homo Sapiens
<400> 198
Gly Leu Pro Glu Lys Tyr
          5
<210> 199
<211>5
<212> PRT
<213> Homo Sapiens
<400> 199
Leu Pro Glu Lys Tyr
          5
1
<210> 200
<211>4
<212> PRT
<213> Homo Sapiens
<400> 200
Pro Glu Lys Tyr
<210> 201
<211>99
<212> PRT
<213> Homo Sapiens
<400> 201
Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr
                      10
Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His
       20
                    25
                                  30
Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
                  40
                                45
     35
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
                55
                             60
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
             70
                           75
                                        80
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
                       90
                                     95
Glu Lys Tyr
<210> 202
<211>97
<212> PRT
<213> Homo Sapiens
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<400> 202
Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp
                        10
Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg
       20
                     25
                                   30
Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
     35
                  40
                                 45
Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
  50
                55
                              60
Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
              70
                           75
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
                        90
                                      95
Tyr
<210> 203
<211> 99
<212> PRT
<213> Homo Sapiens
<400> 203
Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr
                        10
Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His
                     25
                                    30
Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
                   40
                                 45
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
                55
                              60
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
                            75
             70
                                          80
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
                        90
Glu Lys Tyr
<210> 204
<211> 101
<212> PRT
<213> Homo Sapiens
<400> 204
Phe Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg
           5
                        10
                                      15
Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr
                     25
                                    30
Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly
     35
                   40
                                 45
Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
                55
                              60
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
              70
                            75
                                          80
```

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Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
          85
Leu Pro Glu Lys Tyr
       100
<210> 205
<211> 100
<212> PRT
<213> Homo Sapiens
<400> 205
Ser Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala
           5
                        10
                                      15
1
Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe
       20
                     25
His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val
                   40
                                 45
Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gin Arg Phe
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
              70
                            75
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
          85
                        90
                                      95
Pro Glu Lys Tyr
       100
<210> 206
<211> 99
<212> PRT
<213> Homo Sapiens
<400> 206
Phe Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr
                        10
Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His
                     25
Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
                   40
     35
                                 45
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
                55
                              60
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
             70
                           75
                                          80
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
                        90
                                      95
Glu Lys Tyr
<210> 207
<211> 98
<212> PRT
<213> Homo Sapiens
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<400> 207
Leu Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser
                        10
Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala
       20
                                    30
                     25
Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala
                   40
                                 45
     35
Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly
                55
                              60
Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
             70
                            75
Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
                        90
                                      95
Lys Tyr
<210> 208
<211> 97
<212> PRT
<213> Homo Sapiens
<400> 208
Gly Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp
                        10
                                      15
Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg
       20
                      25
                                    30
Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
                   40
                                 45
Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gin Arg Phe Phe Gly Arg
                55
                              60
Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
              70
                            75
                                          80
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
                        90
Tyr
<210> 209
<211> 96
<212> PRT
<213> Homo Sapiens
<400> 209
Glu Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met
           5
                        10
                                      15
Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly
                     25
                                    30
Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu
     35
                   40
                                 45
Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly
                55
                              60
Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
                            75
65
              70
                                          80
```

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90
<210> 210
<211>95
<212> PRT
<213> Homo Sapiens
<400> 210
Ala Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg
           5
                        10
                                      15
Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn
                     25
                                   30
Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala
     35
                   40
                                 45
lle Ser Asn Ala Arg Glu Asn lle Gln Arg Phe Phe Gly Arg Gly Ala
                55
Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
                            75
Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
<210> 211
<211>94
<212> PRT
<213> Homo Sapiens
<400> 211
Phe Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu
                        10
                                      15
Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr
       20
                     25
Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile
                   40
Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu
                              60
Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
             70
                            75
Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
          85
                        90
<210> 212
<211>93
<212> PRT
<213> Homo Sapiens
<400> 212
Asp Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala
                        10
                                      15
Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp
                     25
Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser
```

Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr

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35
                   40
Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp
                55
                              60
Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
              70
                           75
Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
                        90
<210> 213
<211> 92
<212> PRT
<213> Homo Sapiens
<400> 213
Gly Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn
1
                        10
Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala
                     25
       20
Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn
     35
                   40
                                 45
Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
  50
                55
                              60
Leu Ala Asp Gin Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
              70
                           75
Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
                        90
<210> 214
<211>91
<212> PRT
<213> Homo Sapiens
<400> 214
Ala Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr
                        10
lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala
                                   30
       20
                     25
Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala
    35
                  40
                                45
Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
  50
                55
                              60
Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
             70
                           75
His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
          85
<210> 215
<211>90
<212> PRT
<213> Homo Sapiens
<400> 215
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Arg Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile
                        10
                                      15
Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys
       20
                     25
                                    30
Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg
                   40
                                 45
     35
Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
                55
                              60
Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
              70
                            75
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
<210> 216
<211>89
<212> PRT
<213> Homo Sapiens
<400> 216
Asp Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly
1
           5
                        10
                                      15
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
       20
                     25
                                    30
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
                   40
                                 45
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                              60
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
                            75
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
<210> 217
<211>88
<212> PRT
<213> Homo Sapiens
<400> 217
Met Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser
                        10
                                      15
Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly
       20
                     25
                                    30
Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn
     35
                   40
                                 45
lle Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln
                55
                              60
Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
              70
                            75
Pro Ala Gly Leu Pro Glu Lys Tyr
          85
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<210> 218

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<211>87
<212> PRT
<213> Homo Sapiens
<400> 218
Trp Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp
                        10
                                      15
Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro
                     25
                                   30
Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile
                   40
                                 45
GIn Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
                55
                              60
Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
              70
                            75
Ala Gly Leu Pro Glu Lys Tyr
          85
<210> 219
<211>86
<212> PRT
<213> Homo Sapiens
<400> 219
Arg Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys
                        10
Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly
                     25
Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln
                  40
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
                55
                              60
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
              70
Gly Leu Pro Glu Lys Tyr
          85
<210> 220
<211>85
<212> PRT
<213> Homo Sapiens
<400> 220
Ala Tyr Ser Asp Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr
           5
                        10
Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly
                     25
                                   30
Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
     35
                   40
                                 45
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
                55
                              60
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
              70
                            75
```

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Leu Pro Glu Lys Tyr
85
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<210> 221 <211> 84 <212> PRT

<213> Homo Sapiens

<400> 221

Tyr Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe

1 5 10 15

His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val

20 25 30 Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe 35 40 45

Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu 50 55 60

Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu 65 70 75 80

Pro Glu Lys Tyr

<210> 222 <211> 83 <212> PRT <213> Homo Sapiens

<400> 222

Ser Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His

1 5 10 15

Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp 20 25 30

Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe 35 40 45

Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp 50 55 60

Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro 65 70 75 80

Glu Lys Tyr

<210> 223 <211> 82 <212> PRT <213> Homo Sapiens

<400> 223

Asp Met Arg Glu Ala Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala 1 5 10 . 15 Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala 20 25 30

Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gin Arg Phe Phe Gly

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35
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                                 45
Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
                55
                              60
Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
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                           75
Lys Tyr
<210> 224
<211>81
<212> PRT
<213> Homo Sapiens
<400> 224
Met Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg
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Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
       20
                     25
Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
                  40
Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
                55
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Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
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65
                           75
Tyr
<210> 225
<211>80
<212> PRT
<213> Homo Sapiens
<400> 225
Arg Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly
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Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu
                     25
                                   30
Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly
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                  40
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Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
                55
                              60
Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
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                           75
<210> 226
<211> 79
<212> PRT
<213> Homo Sapiens
<400> 226
Glu Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn
1 .
           5
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Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala
                     25
Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala
                   40
                                 45
    35
Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
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                              60
Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
              70
                            75
<210> 227
<211> 78
<212> PRT
<213> Homo Sapiens
<400> 227
Ala Asn Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr
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Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile
Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu
     35
                   40
                                 45
Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
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Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
              70
                            75
<210> 228
<211> 77
<212> PRT
<213> Homo Sapiens
<400> 228
Asn Tyr Ile Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp
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Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser
Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp
     35
                   40
Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
                 55
                               60
Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
65
              70
                            75
<210> 229
<211> 76
<212> PRT
<213> Homo Sapiens
<400> 229
Tyr lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala
Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn
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20
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Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
                   40
                                 45
Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
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                55
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Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
                            75
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<210> 230
<211> 75
<212> PRT
<213> Homo Sapiens
<400> 230
lle Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala
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Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala
       20
                     25
Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
                   40
Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
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                              60
His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
              70
                            75
<210> 231
<211> 74
<212> PRT
<213> Homo Sapiens
<400> 231
Gly Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys
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Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg
                     25
                                   30
Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
                   40
     35
Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
                55
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
65
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<210> 232
<211> 73
<212> PRT
<213> Homo Sapiens
<400> 232
Ser Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg
           5
                                      15
                        10
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
       20
                     25
                                    30
```

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Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
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Arg Pro Ala Gly Leu Pro Glu Lys Tyr
65
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<210> 233
<211> 72
<212> PRT
<213> Homo Sapiens
<400> 233
Asp Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly
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Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn
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Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln
                   40
Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
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Pro Ala Gly Leu Pro Glu Lys Tyr
<210> 234
<211> 71
<212> PRT
<213> Homo Sapiens
<400> 234
Lys Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro
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Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile
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Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
                   40
Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
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Ala Gly Leu Pro Glu Lys Tyr
65
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<210> 235
<211> 70
<212> PRT
<213> Homo Sapiens
<400> 235
Tyr Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly
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                                      15
Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
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Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
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Gly Leu Pro Glu Lys Tyr
65
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<210> 236
<211> 69
<212> PRT
<213> Homo Sapiens
<400> 236
Phe His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly
                        10
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Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
       20
                     25
                                   30
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
                   40
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
Leu Pro Glu Lys Tyr
65
<210> 237
<211> 68
<212> PRT
<213> Homo Sapiens
<400> 237
His Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val
                        10
                                      15
Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe
       20
                     25
                                   30
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
                  40
                                 45
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
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Pro Glu Lys Tyr
65
<210> 238
<211>67
<212> PRT
<213> Homo Sapiens
<400> 238
Ala Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp
           5
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1
                       10
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
       20
                     25
                                   30
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
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Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
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Glu Lys Tyr
65
<210> 239
<211>66
<212> PRT
<213> Homo Sapiens
<400> 239
Arg Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala
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Ala Glu Ala lle Ser Asn Ala Arg Glu Asn lle Gln Arg Phe Phe Gly
Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
                   40
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Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
  50
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Lys Tyr
65
<210> 240
<211>65
<212> PRT
<213> Homo Sapiens
<400> 240
Gly Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala
                        10
Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
       20
                     25
                                   30
Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
                   40
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
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Tyr
65
<210> 241
<211> 64
<212> PRT
<213> Homo Sapiens
<400> 241
Asn Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu
                        10
Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly
       20
                     25
                                    30
Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
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50 55 60

<210> 242

<211> 63

<212> PRT

<213> Homo Sapiens

<400> 242

Tyr Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala 1 5 10 15

Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala 20 25 30

Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly 35 40 45

Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr 50 55 60

<210> 243

<211>62

<212> PRT

<213> Homo Sapiens

<400> 243

Asp Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile 1 5 10 15

Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu 20 25 30

Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys 35 40 45

Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr 50 55 60

<210> 244

<211>61

<212> PRT

<213> Homo Sapiens

<400> 244

Ala Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser 1 5 10 15

Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp 20 25 30

Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp 35 40 45

Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr 50 55 60

<210> 245

<211>60

<212> PRT

<213> Homo Sapiens

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<400> 245
Ala Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn
           5
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Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
       20
                     25
                                   30
Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
                   40
                                 45
     35
Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
  50
                55
<210> 246
<211> 59
<212> PRT
<213> Homo Sapiens
<400> 246
Lys Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala
1
           5
                        10
Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
       20
                     25
                                   30
Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
     35
                   40
                                 45
His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
  50
<210> 247
<211> 58
<212> PRT
<213> Homo Sapiens
<400> 247
Arg Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg
                        10
Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
                     25
                                   30
Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
                   40
     35
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
                55
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<210> 248
<211> 57
<212> PRT
<213> Homo Sapiens
<400> 248
Gly Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu
1
                        10
                                      15
Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
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Arg Pro Ala Gly Leu Pro Glu Lys Tyr
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<210> 249
<211> 56
<212> PRT
<213> Homo Sapiens
<400> 249
Pro Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn
                       10
lle Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln
       20
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                                   30
Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
                  40
                                45
Pro Ala Gly Leu Pro Glu Lys Tyr
  50
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<210> 250
<211> 55
<212> PRT
<213> Homo Sapiens
<400> 250
Gly Gly Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile
                       10
Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
                     25
                                   30
Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
    35
                  40
Ala Gly Leu Pro Glu Lys Tyr
  50
                55
<210> 251
<211> 54
<212> PRT
<213> Homo Sapiens
<400> 251
Gly Vai Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln
          5
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                       10
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
                     25
                                   30
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
     35
Gly Leu Pro Glu Lys Tyr
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<210> 252
<211>53
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<212> PRT
<213> Homo Sapiens
<400> 252
Val Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg
           5
                       10
                                     15
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
       20
                     25
                                   30
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
     35
                   40
Leu Pro Glu Lys Tyr
  50
<210> 253
<211> 52
<212> PRT
<213> Homo Sapiens
<400> 253
Trp Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe
           5
                        10
                                      15
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu
                     25
                                   30
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
                   40
     35
                                45
Pro Glu Lys Tyr
  50
<210> 254
<211> 51
<212> PRT
<213> Homo Sapiens
<400> 254
Ala Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe
                        10
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
       20
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                                   30
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
                   40
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Glu Lys Tyr
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<210> 255
<211> 50
<212> PRT
<213> Homo Sapiens
<400> 255
Ala Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly
                        10
Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
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20
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Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
Lys Tyr
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<210> 256
<211> 49
<212> PRT
<213> Homo Sapiens
<400> 256
Glu Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg
                       10
                                     15
Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
       20
                     25
                                   30
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
                  40
                                45
Tyr
<210> 257
<211> 48
<212> PRT
<213> Homo Sapiens
<400> 257
Ala Ile Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly
                       10
                                     15
Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
                     25
                                   30
Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
     35
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<210> 258
<211> 47
<212> PRT
<213> Homo Sapiens
<400> 258
lle Ser Asn Ala Arg Glu Asn lle Gln Arg Phe Phe Gly Arg Gly Ala
           5
                       10
                                     15
Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
       20
                     25
                                   30
Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
     35
<210> 259
<211> 46
<212> PRT
<213> Homo Sapiens
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<400> 259
Ser Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu
           5
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                                    15
1
Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
       20
                    25
                                  30
Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
                  40
                                45
    35
<210> 260
<211>45
<212> PRT
<213> Homo Sapiens
<400> 260
Asn Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp
          5
                                     15
Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
                     25
                                  30
Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
     35
                  40
<210> 261
<211> 44
<212> PRT
<213> Homo Sapiens
<400> 261
Ala Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser
         5
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                                    15
Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro
                                  30
       20
                     25
Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
     35
                  40
<210> 262
<211>43
<212> PRT
<213> Homo Sapiens
<400> 262
Arg Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu
                       10
                                     15
Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn
       20
                     25
                                   30
His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
     35
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<210> 263
<211> 42
<212> PRT
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<213> Homo Sapiens
<400> 263
Glu Asn Ile Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala
                       10
                                    15
Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His
                     25
                                  30
Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
    35
<210> 264
<211> 41
<212> PRT
<213> Homo Sapiens
<400> 264
Asn IIe Gin Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp
                       10
                                     15
Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe
       20
                     25
                                  30
Arg Pro Ala Gly Leu Pro Glu Lys Tyr
     35
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<210> 265
<211> 40
<212> PRT
<213> Homo Sapiens
<400> 265
lle Gln Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln
                       10
                                     15
Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg
                     25
       20
Pro Ala Gly Leu Pro Glu Lys Tyr
                  40
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<210> 266
<211>39
<212> PRT
<213> Homo Sapiens
<400> 266
GIn Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala
                                     15
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                       10
Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro
                     25
                                   30
       20
Ala Gly Leu Pro Glu Lys Tyr
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<210> 267
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<212> PRT
<213> Homo Sapiens
<400> 267
Arg Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala
          5
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1
                       10
Asn Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala
                                  30
       20
                     25
Gly Leu Pro Glu Lys Tyr
     35
<210> 268
<211> 37
<212> PRT
<213> Homo Sapiens
<400> 268
Phe Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn
           5
                       10
                                     15
Glu Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly
       20
                     25
                                  30
Leu Pro Glu Lys Tyr
     35
<210> 269
<211> 36
<212> PRT
<213> Homo Sapiens
<400> 269
Phe Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Asn Glu
                       10
                                     15
Trp Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu
       20
                     25
                                   30
Pro Glu Lys Tyr
     35
<210> 270
<211> 35
<212> PRT
<213> Homo Sapiens
<400> 270
Gly Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp
                        10
                                     15
Gly Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro
       20
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                                   30
Glu Lys Tyr
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<210> 271
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<211> 34
<212> PRT
<213> Homo Sapiens
<400> 271
Arg Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly
          5
                     10
                                    15
Arg Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu
                    25
       20
                                  30
Lys Tyr
<210> 272
<211> 33
<212> PRT
<213> Homo Sapiens
<400> 272
Gly Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg
1
                       10
                                    15
Ser Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys
       20
                    25
                                  30
Tyr
<210> 273
<211> 32
<212> PRT
<213> Homo Sapiens
<400> 273
Ala Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser
          5
                      10
Gly Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
       20
                    25
                                  30
<210> 274
<211> 31
<212> PRT
<213> Homo Sapiens
<400> 274
Glu Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly
          5
                       10
                                    15
Lys Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
       20
                    25
                                  30
<210> 275
<211> 30
<212> PRT
<213> Homo Sapiens
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<400> 275
Asp Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys
          5
                     10
                                   15
Asp Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
       20
                    25
<210> 276
<211> 29
<212> PRT
<213> Homo Sapiens
<400> 276
Ser Leu Ala Asp Gln Ala Ala Asn Glu Trp Gly Arg Ser Gly Lys Asp
1 5
                      10
                                   15
Pro Asn His Phe Arg Pro Ala Gly Leu Pro Glu Lys Tyr
       20
                    25
<210> 277
<211> 28
<212> PRT
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